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Memorandum

TO: BAIFA

DATE: September 3, 2014

FR: Executive Director

W. I. 6840

RE: Contract – On-Call Design Services: Regional Express Lane Network Phase 1: I-880 Plans Specifications & Estimate and Design Support Services: HDR Engineering, Inc. (\$7,000,000)

This memorandum seeks approval from the Authority for a contract with HDR Engineering, Inc. (HDR) to perform on-call design services for the I-880 Express Lanes Project in an amount not to exceed \$7 million. HDR is recommended based on a Statement of Qualifications solicited from a pre-qualified on-call design services consultant bench. In the event that HDR fails to execute a contract with BAIFA, staff requests the approval from the Authority to contract with BKF Engineers, the next highest-rated firm, for the same work at the same not to exceed amount.

Background

The I-880 Express Lanes Project will convert existing HOV lanes on I-880 from the Santa Clara County line to Hegenberger/Lewelling Boulevard interchanges in Alameda County and the SR-84 and SR-92 approaches to the Dumbarton and San Mateo-Hayward Bridges. Currently, the project is being cleared environmentally by HDR under a separate contract with BAIFA. This work includes completion of plans, specifications, and estimates (PS&E) for the civil construction portion of the project, including sign structures, utilities, lane striping and minor widenings and will require significant coordination with Caltrans and local stakeholders and with BAIFA's toll system integrator that will be responsible for installing the tolling system after the civil construction work is complete. BAIFA's goal for the corridor is to achieve revenue operations by 2017. To coordinate with other highway projects in the corridors, BAIFA plans on issuing notices to proceed on the project by highway corridor, starting first with work on I-880. Work on the bridge corridor would proceed separately at a later time.

In January 2014, after a competitive procurement, the BATA Oversight Committee authorized eight firms to provide on-call construction design services for a two-year term through January 31, 2016. The Request for Qualifications (RFQ) allowed selected consultants to work not only for BATA but also for BATA's affiliated agencies, including BAIFA. The RFQ specified that the lead agency could directly assign work to a particular firm based on the nature of the work, expertise and availability of the firm(s) and staff of those firm(s) or could conduct informal solicitations among qualified firms to assist in assigning the work.

Consultant Selection Process

On May 13, 2014, BAIFA staff solicited Statements of Qualifications for design services from seven of the eight firms available to assist with design services listed above under the on-call panel. (One firm, T.Y. Lin International, was excluded from the solicitation because of a possible conflict of interest.) Staff received proposals on July 24, 2014 from five firms: BKF Engineers, HDR, Inc., HNTB Corporation, URS Corporation, and WMH Corporation.

A panel of BAIFA staff and a representative from the Alameda County Transportation Commission reviewed and interviewed all prospective consultants based upon the following factors, listed in order of relative importance:

1. Demonstrated understanding of the project and ability to meet BAIFA's objectives;
2. Qualifications of firms and proposed staff to complete work specified;
3. Schedule and capacity to provide qualified personnel; and
4. Management of resources.

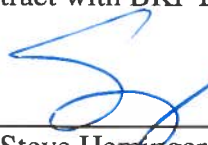
After reviewing the statements, HDR was scored as the top ranked team in the first two factors – understanding of the project and qualifications. The HDR team presented strong understanding of the project and the project's risks and opportunities and how its team's experience and qualifications would best deliver the project and address project risks. Specifically, BAIFA has a significant opportunity to deliver portions of the Express Lanes project in coordination with a separate Caltrans project to replace the median barrier along I-880, which should reduce the overall construction duration in the median and minimize construction impacts to the public. With regard to the other factors, the HDR availability and ability to manage resources was on-par with other proposals submitted.

The top three ranking firms and their sub-consultants are as follows:

Rank	Prime	Sub-consultants
1	HDR Engineering, Inc.	Kimley-Horn, WRECO (SBE), Parikh Consultants (SBE), Fehr and Peers, Geocon, Towill
2	BKF Engineers	Fehr and Peers, Parikh Consultants (SBE), Biggs Cardosa Associates
3	URS Corporation	WRECO (SBE)

Recommendation

Staff recommends that the Authority authorize the Executive Director or his designee to negotiate and enter into a contract with HDR Engineering, Inc. to perform on-call design consultant services for the I-880 Express Lanes Project in an amount not to exceed \$7 million. In the event that HDR fails to execute a contract with BAIFA, staff recommends that the Authority authorize the Executive Director to negotiate a contract with BKF Engineers, as stated above.



Steve Heminger

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REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract

Work Item No.: 6840

Vendor: HDR Engineering, Inc., Oakland, CA

Work Project Title: On-Call Project Design Services:
I-880 Express Lanes Project

Purpose of Project: To complete plans, specifications, and estimates for the I-880 Express Lanes Project.

Brief Scope of Work: Consultant shall perform design services and design support during construction in accordance with BAIFA and Caltrans standard guidelines for the I-880 Express Lanes Projects, including approaches to the Dumbarton and San Mateo-Hayward Bridges.

Project Cost Not to Exceed: \$7,000,000

Funding Source: BATA Capital Program Budget

Fiscal Impact: Funding is included in the Express Lane Capital Project Budget, as adopted in the FY 2014-15 Toll Bridge Program and Operating and Capital Budget (BATA Resolution No. 113).

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a contract with HDR Engineering, Inc. to perform design services for the I-880 Express Lanes Project, as described above and in the Executive Director's memorandum dated September 3, 2014, and the Chief Financial Officer is directed to set aside funds in an amount up to \$7,000,000 for such contract. In the event that HDR fails to enter into an agreement with BAIFA, the Executive Director or his designee is authorized to negotiate and enter into an agreement with BKF Engineers as stated above and the Chief Financial Officer is directed to set aside funds in the amounts stated above.

BAIFA:
Approved:

Amy Rein Worth, Chair
Date: September 10, 2014